

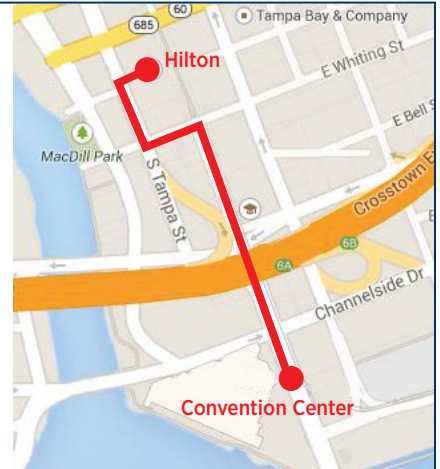
LED TOUR | JANUARY 28, 2014

A vast number of businesses and institutions are now turning to LEDs for general lighting needs. This tour will showcase three sites that have invested in cutting-edge systems in Tampa, Florida, and offer an opportunity to interact with the facility staff who helped oversee the upgrades. These sites illustrate a diversity of lighting applications beginning at the Tampa Convention Center, followed by the Tampa General Hospital, and finally Yogurtology, a frozen-yogurt retailer.

Meet in the hotel lobby at 6:45 p.m.; bus will depart promptly at 7:00. \$20 transportation fee. Check at registration for seat availability.

Walking Map to Convention Center

Departing the Hilton: turn left to go south on Tampa Street (same direction as traffic). At first stoplight, turn left on Whiting Street. Walk one block, turn right on South Franklin St. Walk 2 blocks, crossing under the expressway to arrive at the Front Drive entrance of the Convention Center.



* The Tampa Convention Center will be locked until our group arrives. It is about a 7-minute walk from the Hilton. Should you wish to walk and just see this portion of the tour, meet the bus when it arrives at the Convention Center at 7:05.



Tampa Convention Center*

333 S. Franklin Street • **7:05 p.m.**

Tour leader: Brian Hunter, Director of Operations, Tampa Convention Center (TCC)

Meeting and convention venues have exacting lighting requirements. Formerly lit by 375 metal halide (HID) fixtures that were original to the facility, the TCC concourse dropped from 201 to 39 watts per LED fixture for approximately 80% annual energy savings—or about \$23,000. Exhibit halls converted to LED high bay luminaires, and art and decorative elements are now lit by LED spotlights using DMX controls. The spokesperson will share the facility's criteria for selecting LEDs, along with lessons learned addressing the unique challenges these large spaces pose for proper illumination with LEDs.



Tampa General Hospital

1 Tampa General Circle • **7:45 p.m.**

Tour leader: Jose R. Marotta, P.E., Senior Electrical Engineer, Tampa General Hospital

Tampa General installed lighting in outdoor locations several years ago, and more recently began to convert selected applications to indoor illumination with LEDs. This stop will illustrate LEDs in healthcare applications with various levels of security, comfort, and acuity, including 2'x2' and 2'x4' LED troffers, cove and track lights, and surgical high-intensity lighting. This 1,018-bed teaching hospital is actively providing treatment to patients: face masks will be required and provided to those who have not had a seasonal flu shot.



Yogurtology

3017 W. Gandy Blvd. • **8:30 p.m.**

Tour leader: Kyle Nelson, Project Manager, LumaStream

In 2012, Yogurtology, a premium yogurt franchise, transformed an old bank branch into a welcoming, modern retail space. Converting the bank required major renovations, including rewiring over a firewall. The company chose low-voltage power supplies and driverless LED light fixtures to save time, labor, and materials. The site uses a centralized power supply for digital power conversion, constant current drivers, and seamless dimming control, and both power and control signals are transmitted via speaker wire to the LED lighting. The lighting includes 50 downlights, accent lights, and 2'x2' troffers (in back of house).